

16 February 2010

Brickhouse Environmental

Doug Schott
515 South Franklin Street
West Chester, PA 19382

RE: Dimock

Laboratory ID #: KTA0398

Enclosed are the results of analyses for samples received by the laboratory on 01/22/10 09:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "O. Burgos", is shown on a light-colored rectangular background.

Oswaldo Burgos
Project Manager

CABOT-EPA 000008

Brickhouse Environmental
515 South Franklin Street
West Chester PA, 19382

Project: Dimock
Project Number: 09-2607-0
Project Manager: Doug Schott

Reported:
02/16/10 08:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
██████	KTA0398-01	Water	01/20/10 13:00	01/22/10 09:15
██████	KTA0398-02	Water	01/20/10 17:00	01/22/10 09:15
██████	KTA0398-03	Water	01/20/10 18:25	01/22/10 09:15
██████	KTA0398-04	Water	01/21/10 08:00	01/22/10 09:15
██████████	KTA0398-05	Water	01/21/10 09:15	01/22/10 09:15
████████	KTA0398-06	Water	01/21/10 10:00	01/22/10 09:15
██████	KTA0398-07	Water	01/21/10 11:20	01/22/10 09:15
██████	KTA0398-08	Water	01/21/10 11:25	01/22/10 09:15
██████	KTA0398-09	Water	01/21/10 13:30	01/22/10 09:15
██████	KTA0398-10	Water	01/21/10 14:10	01/22/10 09:15

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Oswaldo Burgos, Project Manager

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Brickhouse Environmental
515 South Franklin Street
West Chester PA, 19382

Project: Dimock
Project Number: 09-2607-0
Project Manager: Doug Schott

Reported:
02/16/10 08:35

Non-Halogenated Volatile Organics

TestAmerica Buffalo

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
(KTA0398-01) Water Sampled: 01/20/10 13:00 Received: 01/22/10 09:15									
Propylene glycol	ND	10	mg/L	1	10A1442	01/25/10	01/25/10 13:26	8015	
Ethylene Glycol	ND	10	"	"	"	"	"	"	
Surrogate: 1,4-Butanediol		112 %	66-130		"	"	"	"	
(KTA0398-02) Water Sampled: 01/20/10 17:00 Received: 01/22/10 09:15									
Propylene glycol	ND	10	mg/L	1	10A1442	01/25/10	01/25/10 13:42	8015	
Ethylene Glycol	ND	10	"	"	"	"	"	"	
Surrogate: 1,4-Butanediol		113 %	66-130		"	"	"	"	
(KTA0398-03) Water Sampled: 01/20/10 18:25 Received: 01/22/10 09:15									
Propylene glycol	ND	10	mg/L	1	10A1442	01/25/10	01/25/10 13:57	8015	
Ethylene Glycol	ND	10	"	"	"	"	"	"	
Surrogate: 1,4-Butanediol		114 %	66-130		"	"	"	"	
(KTA0398-04) Water Sampled: 01/21/10 08:00 Received: 01/22/10 09:15									
Propylene glycol	ND	10	mg/L	1	10A1442	01/25/10	01/25/10 14:13	8015	
Ethylene Glycol	ND	10	"	"	"	"	"	"	
Surrogate: 1,4-Butanediol		115 %	66-130		"	"	"	"	
(KTA0398-05) Water Sampled: 01/21/10 09:15 Received: 01/22/10 09:15									
Propylene glycol	ND	10	mg/L	1	10A1442	01/25/10	01/25/10 14:28	8015	
Ethylene Glycol	ND	10	"	"	"	"	"	"	
Surrogate: 1,4-Butanediol		111 %	66-130		"	"	"	"	
(KTA0398-06) Water Sampled: 01/21/10 10:00 Received: 01/22/10 09:15									
Propylene glycol	ND	10	mg/L	1	10A1442	01/25/10	01/25/10 14:44	8015	
Ethylene Glycol	ND	10	"	"	"	"	"	"	
Surrogate: 1,4-Butanediol		112 %	66-130		"	"	"	"	

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Oswaldo Burgos, Project Manager

Brickhouse Environmental
515 South Franklin Street
West Chester PA, 19382

Project: Dimock
Project Number: 09-2607-0
Project Manager: Doug Schott

Reported:
02/16/10 08:35

Non-Halogenated Volatile Organics

TestAmerica Buffalo

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
(KTA0398-07) Water Sampled: 01/21/10 11:20 Received: 01/22/10 09:15									
Propylene glycol	ND	10	mg/L	1	10A1442	01/25/10	01/25/10 14:59	8015	
Ethylene Glycol	ND	10	"	"	"	"	"	"	
Surrogate: 1,4-Butanediol		112 %	66-130		"	"	"	"	
(KTA0398-08) Water Sampled: 01/21/10 11:25 Received: 01/22/10 09:15									
Propylene glycol	ND	10	mg/L	1	10A1442	01/25/10	01/25/10 15:15	8015	
Ethylene Glycol	ND	10	"	"	"	"	"	"	
Surrogate: 1,4-Butanediol		112 %	66-130		"	"	"	"	
(KTA0398-09) Water Sampled: 01/21/10 13:30 Received: 01/22/10 09:15									
Propylene glycol	ND	10	mg/L	1	10A1442	01/25/10	01/25/10 15:30	8015	
Ethylene Glycol	ND	10	"	"	"	"	"	"	
Surrogate: 1,4-Butanediol		112 %	66-130		"	"	"	"	
(KTA0398-10) Water Sampled: 01/21/10 14:10 Received: 01/22/10 09:15									
Propylene glycol	ND	10	mg/L	1	10A1442	01/25/10	01/25/10 15:46	8015	
Ethylene Glycol	ND	10	"	"	"	"	"	"	
Surrogate: 1,4-Butanediol		112 %	66-130		"	"	"	"	

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Oswaldo Burgos, Project Manager

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Brickhouse Environmental
515 South Franklin Street
West Chester PA, 19382

Project: Dimock
Project Number: 09-2607-0
Project Manager: Doug Schott

Reported:
02/16/10 08:35

Alcohols by EPA Method 8015 modified

TestAmerica Buffalo

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
(KTA0398-02) Water Sampled: 01/20/10 17:00 Received: 01/22/10 09:15									
Ethanol	ND	1000	ug/L	1	10A1290	01/25/10	01/25/10 11:18	8015	
Isopropyl alcohol	ND	1000	"	"	"	"	"	"	
Methanol	ND	1000	"	"	"	"	"	"	
Surrogate: 2-Hexanone		101 %	70-129		"	"	"	"	
(KTA0398-03) Water Sampled: 01/20/10 18:25 Received: 01/22/10 09:15									
Ethanol	ND	1000	ug/L	1	10A1290	01/25/10	01/25/10 11:37	8015	
Isopropyl alcohol	ND	1000	"	"	"	"	"	"	
Methanol	ND	1000	"	"	"	"	"	"	
Surrogate: 2-Hexanone		93 %	70-129		"	"	"	"	
(KTA0398-04) Water Sampled: 01/21/10 08:00 Received: 01/22/10 09:15									
Ethanol	ND	1000	ug/L	1	10A1290	01/25/10	01/25/10 11:46	8015	
Isopropyl alcohol	ND	1000	"	"	"	"	"	"	
Methanol	ND	1000	"	"	"	"	"	"	
Surrogate: 2-Hexanone		100 %	70-129		"	"	"	"	
(KTA0398-05) Water Sampled: 01/21/10 09:15 Received: 01/22/10 09:15									
Ethanol	ND	1000	ug/L	1	10A1290	01/25/10	01/25/10 11:55	8015	
Isopropyl alcohol	ND	1000	"	"	"	"	"	"	
Methanol	ND	1000	"	"	"	"	"	"	
Surrogate: 2-Hexanone		100 %	70-129		"	"	"	"	
(KTA0398-06) Water Sampled: 01/21/10 10:00 Received: 01/22/10 09:15									
Ethanol	ND	1000	ug/L	1	10A1290	01/25/10	01/25/10 12:04	8015	
Isopropyl alcohol	ND	1000	"	"	"	"	"	"	
Methanol	ND	1000	"	"	"	"	"	"	
Surrogate: 2-Hexanone		97 %	70-129		"	"	"	"	

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Oswaldo Burgos, Project Manager

Brickhouse Environmental
515 South Franklin Street
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Project: Dimock
Project Number: 09-2607-0
Project Manager: Doug Schott

Reported:
02/16/10 08:35

Alcohols by EPA Method 8015 modified

TestAmerica Buffalo

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
(KTA0398-07) Water Sampled: 01/21/10 11:20 Received: 01/22/10 09:15									
Ethanol	ND	1000	ug/L	1	10A1290	01/25/10	01/25/10 12:14	8015	
Isopropyl alcohol	ND	1000	"	"	"	"	"	"	
Methanol	ND	1000	"	"	"	"	"	"	
Surrogate: 2-Hexanone		100 %	70-129		"	"	"	"	
(KTA0398-08) Water Sampled: 01/21/10 11:25 Received: 01/22/10 09:15									
Ethanol	ND	1000	ug/L	1	10A1290	01/25/10	01/25/10 12:23	8015	
Isopropyl alcohol	ND	1000	"	"	"	"	"	"	
Methanol	ND	1000	"	"	"	"	"	"	
Surrogate: 2-Hexanone		99 %	70-129		"	"	"	"	
(KTA0398-09) Water Sampled: 01/21/10 13:30 Received: 01/22/10 09:15									
Ethanol	ND	1000	ug/L	1	10A1290	01/25/10	01/25/10 12:32	8015	
Isopropyl alcohol	ND	1000	"	"	"	"	"	"	
Methanol	ND	1000	"	"	"	"	"	"	
Surrogate: 2-Hexanone		95 %	70-129		"	"	"	"	
(KTA0398-10) Water Sampled: 01/21/10 14:10 Received: 01/22/10 09:15									
Ethanol	ND	1000	ug/L	1	10A1290	01/25/10	01/25/10 12:41	8015	
Isopropyl alcohol	ND	1000	"	"	"	"	"	"	
Methanol	ND	1000	"	"	"	"	"	"	
Surrogate: 2-Hexanone		101 %	70-129		"	"	"	"	

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Oswaldo Burgos, Project Manager

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Brickhouse Environmental
515 South Franklin Street
West Chester PA, 19382

Project: Dimock
Project Number: 09-2607-0
Project Manager: Doug Schott

Reported:
02/16/10 08:35

General Chemistry Parameters

TestAmerica Buffalo

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
(KTA0398-02) Water Sampled: 01/20/10 17:00 Received: 01/22/10 09:15									
Methylene Blue Active Substances	0.0476	0.0250	mg/L	1	10A1370	01/22/10	01/22/10 16:00	5540 C	
(KTA0398-03) Water Sampled: 01/20/10 18:25 Received: 01/22/10 09:15									
Methylene Blue Active Substances	ND	0.0250	mg/L	1	10A1370	01/22/10	01/22/10 16:00	5540 C	
(KTA0398-04) Water Sampled: 01/21/10 08:00 Received: 01/22/10 09:15									
Methylene Blue Active Substances	0.0376	0.0250	mg/L	1	10A1370	01/22/10	01/22/10 16:00	5540 C	
(KTA0398-05) Water Sampled: 01/21/10 09:15 Received: 01/22/10 09:15									
Methylene Blue Active Substances	0.0488	0.0250	mg/L	1	10A1370	01/22/10	01/22/10 16:00	5540 C	
(KTA0398-06) Water Sampled: 01/21/10 10:00 Received: 01/22/10 09:15									
Methylene Blue Active Substances	0.0289	0.0250	mg/L	1	10A1370	01/22/10	01/22/10 16:00	5540 C	
(KTA0398-07) Water Sampled: 01/21/10 11:20 Received: 01/22/10 09:15									
Methylene Blue Active Substances	ND	0.0250	mg/L	1	10A1370	01/22/10	01/22/10 16:00	5540 C	
(KTA0398-08) Water Sampled: 01/21/10 11:25 Received: 01/22/10 09:15									
Methylene Blue Active Substances	ND	0.0250	mg/L	1	10A1370	01/22/10	01/22/10 16:00	5540 C	
(KTA0398-09) Water Sampled: 01/21/10 13:30 Received: 01/22/10 09:15									
Methylene Blue Active Substances	ND	0.0250	mg/L	1	10A1370	01/22/10	01/22/10 16:00	5540 C	
(KTA0398-10) Water Sampled: 01/21/10 14:10 Received: 01/22/10 09:15									
Methylene Blue Active Substances	ND	0.0250	mg/L	1	10A1370	01/22/10	01/22/10 16:00	5540 C	

TestAmerica King Of Prussia



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Project: Dimock
Project Number: 09-2607-0
Project Manager: Doug Schott

Reported:
02/16/10 08:35

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED above reporting limit. If MDL is provided, analyte is NOT DETECTED above the MDL

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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Oswaldo Burgos, Project Manager

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SUBCONTRACT ORDER
TestAmerica King Of Prussia

KTA0398

SENDING LABORATORY:

TestAmerica King Of Prussia
1008 West Ninth Avenue
King of Prussia, PA 19406
Phone: 610.337.9992
Fax: 610.337.9939
Project Manager: Oswaldo Burgos
Client: Brickhouse Environmental

RECEIVING LABORATORY:

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone : (716) 691-2600
Fax: (716) 691-7991
Project Location: Pennsylvania
Receipt Temperature: _____ °C Ice: Y / N

Samples shipped directly to TA-Buffalo. JK 1/25/10

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
Sample ID: KTA0398-01 [REDACTED] Sampled: 01/20/10 13:00						
Ethylene Glycol	mg/L	02/02/10	02/03/10 13:00	\$75.00	0%	Include Propylene Glycol
<i>Containers Supplied:</i>						
Voa Vial - HCl (A)	Voa Vial - HCl (B)	Voa Vial - HCl (C)				
Sample ID: KTA0398-02 [REDACTED] Sampled: 01/20/10 17:00						
Ethylene Glycol	mg/L	02/02/10	02/03/10 17:00	\$75.00	0%	Include Propylene Glycol
MBAS-425.1 SUB	mg/L	02/02/10	01/22/10 17:00	\$60.00	0%	
Misc. Sub 2	% by Weight	02/02/10	07/19/10 17:00	\$0.00	0%	Methanol, Ethanol, Isopropanol
<i>Containers Supplied:</i>						
Voa Vial - HCl (A)	Voa Vial - HCl (B)	Voa Vial - HCl (C)	Voa Vial - HCl (D)	Voa Vial - HCl (E)		
Voa Vial - HCl (F)	1L Poly-Cool 4°C (G)					
Sample ID: KTA0398-03 [REDACTED] Sampled: 01/20/10 18:25						
Ethylene Glycol	mg/L	02/02/10	02/03/10 18:25	\$75.00	0%	Include Propylene Glycol
MBAS-425.1 SUB	mg/L	02/02/10	01/22/10 18:25	\$60.00	0%	
Misc. Sub 2	% by Weight	02/02/10	07/19/10 18:25	\$0.00	0%	Methanol, Ethanol, Isopropanol
<i>Containers Supplied:</i>						
Voa Vial - HCl (A)	Voa Vial - HCl (B)	Voa Vial - HCl (C)	Voa Vial - HCl (D)	Voa Vial - HCl (E)		
Voa Vial - HCl (F)	1L Poly-Cool 4°C (G)					
Sample ID: KTA0398-04 [REDACTED] Sampled: 01/21/10 08:00						
Ethylene Glycol	mg/L	02/02/10	02/04/10 08:00	\$75.00	0%	Include Propylene Glycol
MBAS-425.1 SUB	mg/L	02/02/10	01/23/10 08:00	\$60.00	0%	
Misc. Sub 2	% by Weight	02/02/10	07/20/10 08:00	\$0.00	0%	Methanol, Ethanol, Isopropanol
<i>Containers Supplied:</i>						
Voa Vial - HCl (A)	Voa Vial - HCl (B)	Voa Vial - HCl (C)	Voa Vial - HCl (D)	Voa Vial - HCl (E)		
Voa Vial - HCl (F)	1L Poly-Cool 4°C (G)					

Released By: 

Date/Time: 1/25/10

Received By: _____

Date/Time: _____

Released By: _____

Date/Time: _____

Received By: _____

Date/Time: _____

Page 1 of 3

CABOT-EPA 000016

SUBCONTRACT ORDER
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KTA0398

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
Sample ID: KTA0398-05 [REDACTED] - Water) Sampled: 01/21/10 09:15						
Ethylene Glycol	mg/L	02/02/10	02/04/10 09:15	\$75.00	0%	Include Propylene Glycol
MBAS-425.1 SUB	mg/L	02/02/10	01/23/10 09:15	\$60.00	0%	
Misc. Sub 2	% by Weight	02/02/10	07/20/10 09:15	\$0.00	0%	Methanol, Ethanol, Isopropanol
<i>Containers Supplied:</i>						
Voa Vial - HCl (A)	Voa Vial - HCl (B)	Voa Vial - HCl (C)	Voa Vial - HCl (D)	Voa Vial - HCl (E)		
Voa Vial - HCl (F)	1L Poly-Cool 4°C (G)					
Sample ID: KTA0398-06 [REDACTED] - Water) Sampled: 01/21/10 10:00						
Ethylene Glycol	mg/L	02/02/10	02/04/10 10:00	\$75.00	0%	Include Propylene Glycol /DW Standards
MBAS-425.1 SUB	mg/L	02/02/10	01/23/10 10:00	\$60.00	0%	DW Standards
Misc. Sub 2	% by Weight	02/02/10	07/20/10 10:00	\$0.00	0%	Methanol, Ethanol, Isopropanol / DW Standards
<i>Containers Supplied:</i>						
Voa Vial - HCl (A)	Voa Vial - HCl (B)	Voa Vial - HCl (C)	Voa Vial - HCl (D)	Voa Vial - HCl (E)		
Voa Vial - HCl (F)	1L Poly-Cool 4°C (G)					
Sample ID: KTA0398-07 [REDACTED] - Water) Sampled: 01/21/10 11:20						
Ethylene Glycol	mg/L	02/02/10	02/04/10 11:20	\$75.00	0%	Include Propylene Glycol
MBAS-425.1 SUB	mg/L	02/02/10	01/23/10 11:20	\$60.00	0%	
Misc. Sub 2	% by Weight	02/02/10	07/20/10 11:20	\$0.00	0%	Methanol, Ethanol, Isopropanol
<i>Containers Supplied:</i>						
Voa Vial - HCl (A)	Voa Vial - HCl (B)	Voa Vial - HCl (C)	Voa Vial - HCl (D)	Voa Vial - HCl (E)		
Voa Vial - HCl (F)	1L Poly-Cool 4°C (G)					
Sample ID: KTA0398-08 [REDACTED] - Water) Sampled: 01/21/10 11:25						
Ethylene Glycol	mg/L	02/02/10	02/04/10 11:25	\$75.00	0%	Include Propylene Glycol
MBAS-425.1 SUB	mg/L	02/02/10	01/23/10 11:25	\$60.00	0%	
Misc. Sub 2	% by Weight	02/02/10	07/20/10 11:25	\$0.00	0%	Methanol, Ethanol, Isopropanol
<i>Containers Supplied:</i>						
Voa Vial - HCl (A)	Voa Vial - HCl (B)	Voa Vial - HCl (C)	Voa Vial - HCl (D)	Voa Vial - HCl (E)		
Voa Vial - HCl (F)	1L Poly-Cool 4°C (G)					
Sample ID: KTA0398-09 [REDACTED] - Water) Sampled: 01/21/10 13:30						
Ethylene Glycol	mg/L	02/02/10	02/04/10 13:30	\$75.00	0%	Include Propylene Glycol
MBAS-425.1 SUB	mg/L	02/02/10	01/23/10 13:30	\$60.00	0%	
Misc. Sub 2	% by Weight	02/02/10	07/20/10 13:30	\$0.00	0%	Methanol, Ethanol, Isopropanol
<i>Containers Supplied:</i>						
Voa Vial - HCl (A)	Voa Vial - HCl (B)	Voa Vial - HCl (C)	Voa Vial - HCl (D)	Voa Vial - HCl (E)		
Voa Vial - HCl (F)	1L Poly-Cool 4°C (G)					

SUBCONTRACT ORDER
TestAmerica King Of Prussia

KTA0398

Analysis	Units	Due	Expires	Interlab Price Surch	Comments
Sample ID: KTA0398-10 [REDACTED] - Water)					
			Sampled: 01/21/10 14:10		
Ethylene Glycol	mg/L	02/02/10	02/04/10 14:10	\$75.00	0% Include Propylene Glycol
MBAS-425.1 SUB	mg/L	02/02/10	01/23/10 14:10	\$60.00	0%
Misc. Sub 2	% by Weight	02/02/10	07/20/10 14:10	\$0.00	0% Methanol, Ethanol, Isopropanol
Containers Supplied:					
Voa Vial - HCl (A)	Voa Vial - HCl (B)	Voa Vial - HCl (C)		Voa Vial - HCl (D)	Voa Vial - HCl (E)
Voa Vial - HCl (F)	1L Poly-Cool 4°C (G)				



516 South Franklin Street • West Chester, PA 19382 • 610.692.5770 • Fax: 610.692.8650

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE FIELD TECHNICIAN

BE Project No #:	Page of
Lab Quote #:	

[illegible]

J:\092607.50\2010.1.19.Chain of Custody Form.xls

CABOT-EPA 000019

DIM0189534

DIM0189545